

DEMOLITION NOTES

- 1

REMOVE EXISTING A/C UNIT COMPLETE. CAP PIPING FLUSH WITH MECHANICAL ROOM FLOOR. REMOVE CONDENSING UNIT AND CONCRETE PAD
- 2

REMOVE DUCTWORK AND DIFFUSERS FOR THE TOTAL SYSTEM.
- 3

EXISTING EXHAUST DUCTWORK AND GRILLES TO REMAIN.
- 4

EXISTING SUPPLY DUCTWORK AND DIFFUSERS TO REMAIN.
- 5

EXISTING AHU TO REMAIN.
- 6

EXISTING ELECTRIC UNIT HEATER TO REMAIN.
- 7

REMOVE OUTSIDE AIR LOUVER. PATCH WALL TO MATCH EXISTING.
- 8

REMOVE EXHAUST FAN LOCATED ON ROOF AND ASSOCIATED DUCTWORK AND GRILLE. CAP ROOF CURB WATER TIGHT AND INSULATE CAP.
- 9

CAP OPEN END OF DUCTWORK AIR TIGHT AND INSULATE.
- 10

REMOVE DUCTWORK TO ROOF MOUNTED EXHAUST FAN.
- 11

REMOVE EXISTING HOT WATER BOILER.
- 12

REMOVE EXISTING HOT WATER PUMP.
- 13

REMOVE EXISTING EXPANSION TANK.
- 14

REMOVE EXISTING HOT WATER PIPING.
- 15

EXISTING HOT WATER PIPING TO REMAIN.
- 16

EXISTING HOOD DUCTWORK AND GRILLES TO REMAIN.
- 17

A PORTION OF EXHAUST SYSTEM TO BE REMOVED.
- 18

THE EXISTING FAN TO REMAIN.
- 19

REMOVE SECTION OF DUCTWORK AND GRILLE
- 20

EXISTING UNIT TO REMAIN.
- 21

REMOVE REFRIGERATOR/FREEZER CONDENSING UNIT AND PIPING.
- 22

REMOVE EVAPORATOR UNIT AND PIPING.

MECHANICAL LEGEND

WxH

RECTANGULAR DUCTWORK, SIZES SHOWN ARE INTERNAL CLEAR DIMENSIONS. (WIDTH x HEIGHT) FIRST FIGURE IS SIDE SHOWN.

DUCT SECTION, POSITIVE PRESSURE, FIRST FIGURE IS TOP DIMENSION

DUCT SECTION, NEGATIVE PRESSURE, FIRST FIGURE IS TOP DIMENSION

ROUND BRANCH DUCT TAKEOFF FROM RECTANGULAR DUCT MAIN. BRANCH DUCT SHALL BE FLEXIBLE ROUND DUCT OR ROUND SNAPLOCK DUCT AS INDICATED. ROUND DUCT TAP IN SHALL BE MADE WITH SPIN-IN COLLAR WITH MANUAL VOLUME DAMPER.

ROUND SNAPLOCK GALVANIZED STEEL DUCTWORK, EXTERNALLY INSULATED, SMACNA STATIC PRESSURE CONSTRUCTION CLASS 1/2" w.g., SEAL CLASS C. SIZE SHOWN IS SHEET METAL DIAMETER.

FACTORY FABRICATED/INSULATED FLEXIBLE ROUND DUCT, SIZE SHOWN IS INSIDE DIAMETER.

SQUARE THROAT ELBOW IN RECTANGULAR DUCT WITH DOUBLE WALL TURNING VANES.

LONG RADIUS ELBOW IN RECTANGULAR DUCT.

THERMOSTAT, MOUNT 48" A.F.F.

DUCT MOUNTED SMOKE DETECTOR

MANUAL VOLUME DAMPER, PROVIDE WITH LOCKING QUADRANT

CEILING DIFFUSER WITH BEVELED DROP SURFACE MOUNTED FRAME, SQUARE NECK SIZE AND AIR FLOW AS INDICATED. ALL DIFFUSERS SHALL BE 4-WAY THROW UNLESS INDICATED OTHERWISE. PROVIDE WITH OPPOSED BLADE VOLUME CONTROL DAMPER, FACTORY FABRICATED SQUARE TO ROUND ADAPTER, AND INSULATION

RECTANGULAR BRANCH DUCT TAKE OFF FROM RECTANGULAR DUCT MAIN WITH 45° COLLAR.

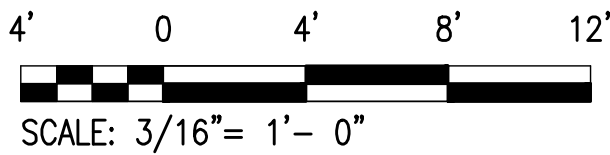
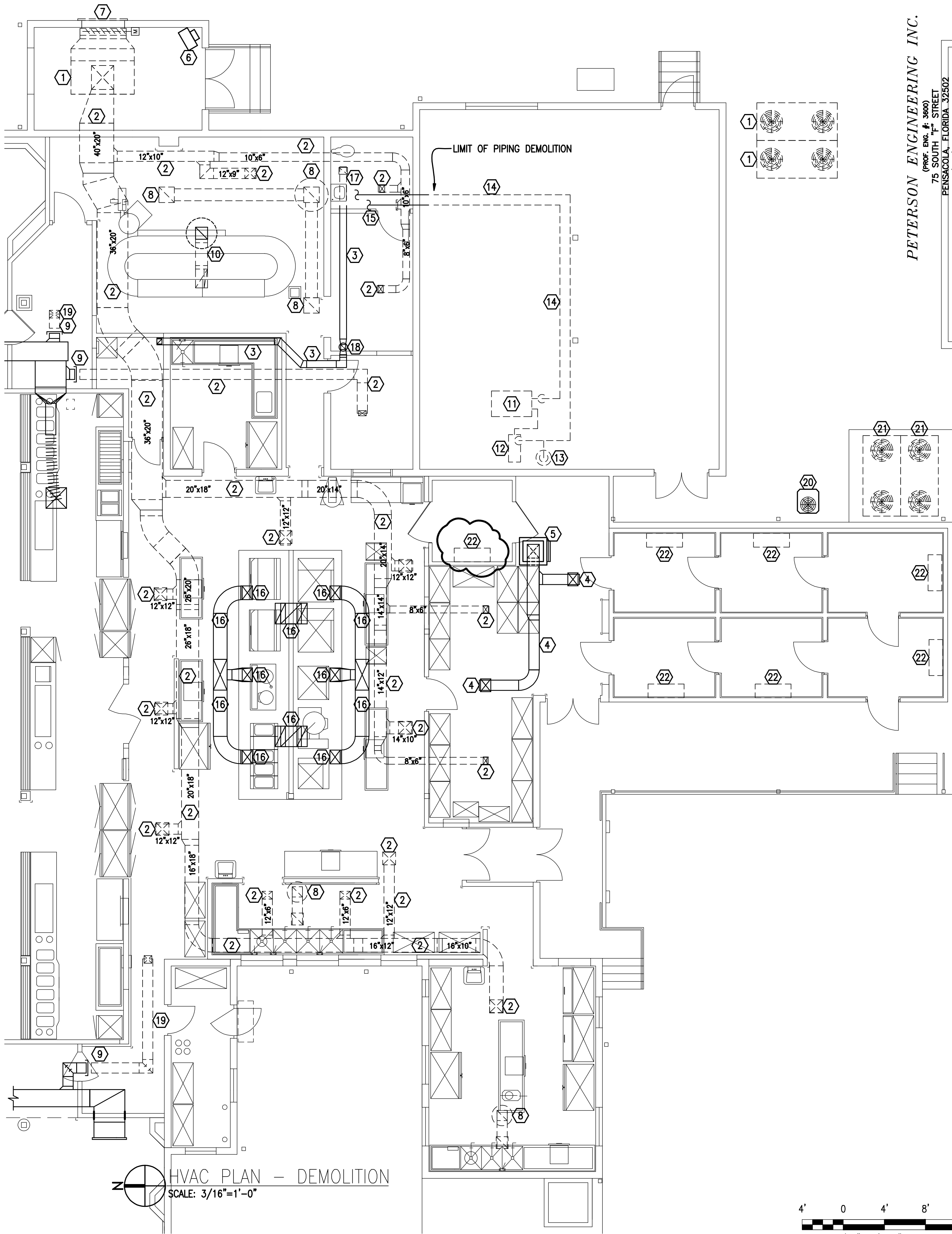
AUTOMATIC CONTROL DAMPER, ELECTRIC.

UNDERCUT DOOR AMOUNT

RETURN AIR GRILLE, NECK SIZE AND AIR FLOW AS INDICATED

FIRE DAMPER WITH ACCESS DOOR

CONNECTION POINT OF NEW WORK TO EXISTING WORK



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PROJECT MANAGER	USING AGENCY	BIO-ENVIRONMENTAL	CEO	COMMUNICATION	ENVIRONMENTAL	FIRE CHIEF	APPROVED	MAINTENANCE ENGINEER	SAFETY	DATE	DESCRIPTION	APP'D
M101	AIR FORCE SPECIAL OPERATIONS COMMAND 1 SPECIAL OPERATIONS CIVIL ENGINEER SQUADRON HURLBURT FIELD, FLORIDA	REPAIR DINERS REEF BUILDING 90326	DATE: 20 FEB. 2009 DESIGNED BY: GDP DRAWN BY: JBS BUILDING NO.: 90326 PROJECT NO.: FTEV 08-1026 SHEET REF.: M101	SECURITY POLICE	12 MAY 09	REMOVE COOLER 1	EVAP UNIT & PIPING	JOB				
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